

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Number: 7,866,957 B2  
Issued: January 11, 2011  
Name of Patentee: Hironari Akashi et al.  
Title of Invention: HERMETIC COMPRESSOR

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Certificate of Correction Branch

1. Attached is Form PTO/SB/44.
2. Correction of the Official Letters Patent is respectfully requested in view of the following text which appears correctly in the application file:

On the Cover Page, at field (57), ABSTRACT, line 2, "in rotor core" should read -- in a rotor core -- as indicated in the Amendment filed March 31, 2006.

3. Please send the Certificate to:

Lawrence E Ashery  
P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

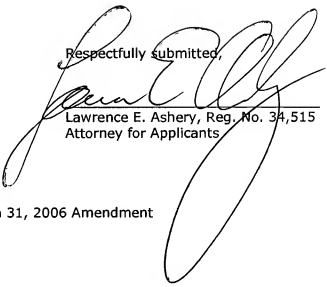
Name of Assignee: Panasonic Corporation

Assignment Recorded on: 07/25/2008

Reel: 021293

Frame: 0988

Respectfully submitted,



Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/dmw

Enclosures: Form PTO/SB/44  
Copy/Pages 8-10 of March 31, 2006 Amendment


Dated: April 27, 2011

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**Amendment to the Abstract:**

The Abstract has been amended. A revised Abstract is attached.

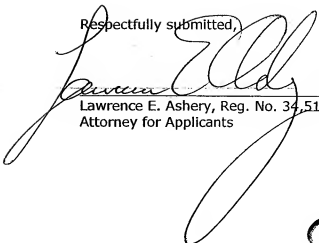
**ABSTRACT**

A hermetic compressor has a bipolar permanent magnet motor where permanent magnet (124) is disposed in a rotor core (123). ~~Hollow~~A hollow bore (131) is disposed at the end on the compressing element (105)-side of the rotor core (123), and a main bearing (111) extends into the bore (131). The thickness of the rotor core (123) is longer than that of the stator core (126), thereby widening the magnetic path of the rotor core (123). The magnetic flux amount generated in the rotor core (123), which is conventionally insufficient due to existence of the bore (131), increases, the loss decreases, and the efficiency increases.

Attachment

COPY

Respectfully submitted,

  
Lawrence E. Ashery, Reg. No. 34,515  
Attorney for Applicants

LEA/ds

Attachments: Abstract

Dated: March 31, 2006

P.O. Box 980  
Valley Forge, PA 19482  
(610) 407-0700

**EXPRESS MAIL**


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EV 497723036 US  
March 31, 2006

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Kathleen Luby

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**ABSTRACT**

A hermetic compressor has a bipolar permanent magnet motor where permanent magnet is disposed in a rotor core. A hollow bore is disposed at the end on the compressing element side of the rotor core, and a main bearing extends into the bore. The thickness of the rotor core is longer than that of the stator core, thereby widening the magnetic path of the rotor core. The magnetic flux amount generated in the rotor core, which is conventionally insufficient due to existence of the bore, increases, the loss decreases, and the efficiency increases.

COPY

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO.: 7,866,957 B2  
APPLICATION NO.: 10/574,383  
DATED: January 11, 2011  
INVENTOR(S): Hironari Akashi et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

At field (57), ABSTRACT, line 2, "in rotor core" should read -- in a rotor core --.

Mailing Address of Sender:

RatnerPrestia  
P.O. Box 980  
Valley Forge, PA 19482  
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This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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